

One Hundred Sixth Congress
of the
United States of America

AT THE SECOND SESSION

*Begun and held at the City of Washington on Monday,
the twenty-fourth day of January, two thousand*

An Act

To authorize appropriations for fiscal year 2001 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe personnel strengths for such fiscal year for the Armed Forces, and for other purposes.

*Be it enacted by the Senate and House of Representatives of
the United States of America in Congress assembled,*

**SECTION 1. ENACTMENT OF FISCAL YEAR 2001 NATIONAL DEFENSE
AUTHORIZATION ACT.**

The provisions of H.R. 5408 of the 106th Congress, as introduced on October 6, 2000, are hereby enacted into law.

SEC. 2. PUBLICATION OF ACT.

In publishing this Act in slip form and in the United States Statutes at Large pursuant to section 112 of title 1, United States Code, the Archivist of the United States shall include after the date of approval an appendix setting forth the text of the bill referred to in section 1.

Speaker of the House of Representatives.

*Vice President of the United States and
President of the Senate.*

106TH CONGRESS
2D SESSION

H. R. 5408

To authorize appropriations for fiscal year 2001 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe personnel strengths for such fiscal year for the Armed Forces, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 6, 2000

Mr. SPENCE introduced the following bill; which was referred to the Committee on Armed Services, and in addition to the Committee on Commerce, Education and the Workforce, Government Reform, International Relations, the Judiciary, Resources, Science, Transportation and Infrastructure, Veterans' Affairs, Ways and Means, and Intelligence (Permanent Select), for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To authorize appropriations for fiscal year 2001 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe personnel strengths for such fiscal year for the Armed Forces, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

1 (B) a schedule for the program.

2 (b) REPORT ON POTENTIAL USE FOR CERTAIN PUR-
3 POSES OF ASSOCIATED TECHNOLOGIES.—Not later than
4 March 1, 2001, the Secretary of the Navy shall submit
5 to the congressional defense committees a report on the
6 potential use of technologies associated with the mobile
7 offshore base concept. The report shall include an assess-
8 ment of the potential application and feasibility of using
9 existing technologies, including those technologies associ-
10 ated with the mobile offshore base concept, to a sea-based
11 landing platform for support of naval aviation training.

12 **SEC. 252. AIR FORCE SCIENCE AND TECHNOLOGY PLAN-**
13 **NING.**

14 (a) REQUIREMENT FOR REVIEW.—The Secretary of
15 the Air Force shall conduct a review of the long-term chal-
16 lenges and short-term objectives of the Air Force science
17 and technology programs. The Secretary shall complete
18 the review not later than one year after the date of the
19 enactment of this Act.

20 (b) MATTERS TO BE REVIEWED.—The review shall
21 include the following:

22 (1) An assessment of the budgetary resources
23 that are being used for fiscal year 2001 for address-
24 ing the long-term challenges and the short-term ob-

1 jectives of the Air Force science and technology pro-
2 grams.

3 (2) The budgetary resources that are necessary
4 to address those challenges and objectives ade-
5 quately.

6 (3) A course of action for each projected or on-
7 going Air Force science and technology program
8 that does not address either the long-term challenges
9 or the short-term objectives.

10 (4) The matters required under subsection
11 (c)(5) and (d)(6).

12 (c) LONG-TERM CHALLENGES.—(1) The Secretary of
13 the Air Force shall establish an integrated product team
14 to identify high-risk, high-payoff challenges that will pro-
15 vide a long-term focus and motivation for the Air Force
16 science and technology programs over the next 20 to 50
17 years following the enactment of this Act. The integrated
18 product team shall include representatives of the Office
19 of Scientific Research and personnel from the Air Force
20 Research Laboratory.

21 (2) The team shall solicit views from the entire Air
22 Force science and technology community on the matters
23 under consideration by the team.

24 (3) The team—

1 (A) shall select for consideration science and
2 technology challenges that involve—

3 (i) compelling requirements of the Air
4 Force;

5 (ii) high-risk, high-payoff areas of explo-
6 ration; and

7 (iii) very difficult, but probably achievable,
8 results; and

9 (B) should not select a linear extension of any
10 ongoing Air Force science and technology program
11 for consideration as a science and technology chal-
12 lenge under subparagraph (A).

13 (4) The Deputy Assistant Secretary of the Air Force
14 for Science, Technology, and Engineering shall designate
15 a technical coordinator and a management coordinator for
16 each science and technology challenge identified pursuant
17 to this subsection. Each technical coordinator shall have
18 sufficient expertise in fields related to the challenge to be
19 able to identify other experts in such fields and to affirm
20 the credibility of the challenge. The coordinator for a
21 science and technology challenge shall conduct workshops
22 within the relevant scientific and technological community
23 to obtain suggestions for possible approaches to address-
24 ing the challenge and to identify ongoing work that ad-

1 dresses the challenge, deficiencies in current work relating
2 to the challenge, and promising areas of research.

3 (5) In carrying out subsection (a), the Secretary of
4 the Air Force shall review the science and technology chal-
5 lenges identified pursuant to this subsection and, for each
6 such challenge, at a minimum—

7 (A) consider the results of the workshops con-
8 ducted pursuant to paragraph (4); and

9 (B) identify any work not currently funded by
10 the Air Force that should be performed to meet the
11 challenge.

12 (d) SHORT-TERM OBJECTIVES.—(1) The Secretary
13 of the Air Force shall establish a task force to identify
14 short-term technological objectives of the Air Force
15 science and technology programs. The task force shall be
16 chaired by the Deputy Assistant Secretary of the Air
17 Force for Science, Technology, and Engineering and shall
18 include representatives of the Chief of Staff of the Air
19 Force and the specified combatant commands of the Air
20 Force.

21 (2) The task force shall solicit views from the entire
22 Air Force requirements community, user community, and
23 acquisition community.

24 (3) The task force shall select for consideration short-
25 term objectives that involve—

- 1 (A) compelling requirements of the Air Force;
- 2 (B) support in the user community; and
- 3 (C) likely attainment of the desired benefits
- 4 within a five-year period.

5 (4) The Deputy Assistant Secretary of the Air Force
6 for Science, Technology, and Engineering shall establish
7 an integrated product team for each short-term objective
8 identified pursuant to this subsection. Each integrated
9 product team shall include representatives of the require-
10 ments community, the user community, and the science
11 and technology community with relevant expertise.

12 (5) The integrated product team for a short-term ob-
13 jective shall be responsible for—

14 (A) identifying, defining, and prioritizing the
15 enabling capabilities that are necessary for achieving
16 the objective;

17 (B) identifying deficiencies in the enabling ca-
18 pabilities that must be addressed if the short-term
19 objective is to be achieved; and

20 (C) working with the Air Force science and
21 technology community to identify science and tech-
22 nology projects and programs that should be under-
23 taken to eliminate each deficiency in an enabling ca-
24 pability.

1 (6) In carrying out subsection (a), the Secretary of
2 the Air Force shall review the short-term science and tech-
3 nology objectives identified pursuant to this subsection
4 and, for each such objective, at a minimum—

5 (A) consider the work of the integrated product
6 team conducted pursuant to paragraph (5); and

7 (B) identify the science and technology work of
8 the Air Force that should be undertaken to elimi-
9 nate each deficiency in enabling capabilities that is
10 identified by the integrated product team pursuant
11 to subparagraph (B) of that paragraph.

12 (e) COMPTROLLER GENERAL REVIEW.—(1) Not later
13 than 90 days after the Secretary of the Air Force com-
14 pletes the review required by subsection (a), the Comp-
15 troller General shall submit to Congress a report on the
16 results of the review. The report shall include the Comp-
17 troller General's assessment regarding the extent to which
18 the review was conducted in compliance with the require-
19 ments of this section.

20 (2) Immediately upon completing the review required
21 by subsection (a), the Secretary of Defense shall notify
22 the Comptroller General of the completion of the review.
23 For the purposes of paragraph (1), the date of the notifi-
24 cation shall be considered the date of the completion of
25 the review.